

CLAIMS

- 1/ A safety valve (2) for a chamber (4), the valve comprising a frame (10), a shutter (30) mounted to slide relative to the frame (10), controlled drive means (48, 60) to cause the shutter to open and close an orifice (18) of the chamber, and also release means (46) for causing the shutter to open automatically when pressure in the chamber reaches a predetermined threshold, the valve being characterized in that the release means (46) and the drive means (48, 60) are connected to the shutter in a configuration in which they are parallel with each other.
- 2/ A valve according to claim 1, characterized in that the orifice (18) has a vertical axis (8), the valve including a sealing gasket (74) fixed to the frame (10) and suitable for coming into contact with the shutter (30).
- 3/ A valve according to claim 2, characterized in that the gasket (74) is annular in shape and of a diameter (d) greater than the largest diameter of the orifice (18).
- 4/ A valve according to any one of claims 1 to 3, characterized in that the frame (10) comprises a cage suitable for preventing any movement of the shutter (30) beyond the cage away from the orifice (18), the valve being arranged in such a manner that the shutter (30) is suitable for occupying an open position in which it comes into abutment against the cage.
- 5/ A valve according to any one of claims 1 to 4, characterized in that the release means (46) are distinct from the drive means (48, 60).

CORRECTED SHEET

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6/ A valve according to any one of claims 1 to 5, characterized in that the release means (46) are independent of the drive means (48, 60).

5 7/ A valve according to any one of claims 1 to 6, characterized in that the drive means comprise at least one spring (60) for causing the shutter (30) to perform one action out of closing and opening, and preferably opening.

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8/ A valve according to any one of claims 1 to 7, characterized in that the drive means comprise an actuator (48) for causing the shutter (30) to perform one out of opening and closing, and preferably closing.

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9/ A valve according to claim 8, characterized in that the actuator (48) is suitable for causing the shutter to close, the valve including means for deactivating the actuator when the pressure reaches the predetermined threshold.

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10/ A valve according to any one of claims 1 to 9, characterized in that the release means comprise means (46) for permanently compensating the weight of the shutter (30), at least in part.

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11/ A valve according to claim 10, characterized in that the compensation means comprise at least one spring (46).

30 12/ A valve according to any one of claims 1 to 11, characterized in that it comprises means (44) for adjusting the pressure threshold.

35 13/ A chamber (4), in particular a combustion or post-position chamber in an installation for treating asbestos waste, the chamber being characterized in that it includes a valve (2) according to any preceding claim.

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